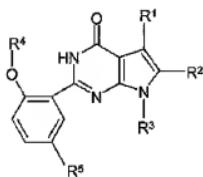


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A compound of the ~~general~~ formula I:



I

wherein R<sup>1</sup> is H; C<sub>1</sub>-C<sub>4</sub> branched or straight chain alkyl; C<sub>1</sub>-C<sub>4</sub> halogenated branched or straight chain alkyl; C<sub>2</sub>-C<sub>6</sub> alkenyl; C<sub>2</sub>-C<sub>4</sub> alkynyl; pyridyl, pyrimidinyl, imidazolyl; except H, the above substituents may be optionally substituted with one or more following groups: halogen, cyano, nitro, hydroxyl, carboxyl, guanidino, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy, C<sub>1</sub>-C<sub>4</sub> alkanoyl, C<sub>3</sub>-C<sub>5</sub> cycloalkyl, substituted phenyl, ~~substituted heterocyclic group~~, CONR<sup>5</sup>R<sup>6</sup>, NR<sup>5</sup>R<sup>6</sup>, CO<sub>2</sub>R<sup>7</sup>, NHSO<sub>2</sub>R<sup>8</sup> or SO<sub>2</sub>NR<sup>9</sup>R<sup>10</sup>;

R<sup>2</sup> is H; C<sub>1</sub>-C<sub>3</sub> branched or straight chain alkyl; C<sub>1</sub>-C<sub>3</sub> halogenated branched or straight chain alkyl; C<sub>2</sub>-C<sub>6</sub> alkenyl; C<sub>2</sub>-C<sub>4</sub> alkynyl; substituted phenyl; except H, the above substituents may be optionally substituted with one or more following groups: halogen, cyano-, nitro, hydroxyl, carboxyl, guanidino-, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy, C<sub>1</sub>-C<sub>4</sub> alkanoyl, C<sub>3</sub>-C<sub>5</sub> cycloalkyl, ~~substituted heterocyclic group~~, CONR<sup>5</sup>R<sup>7</sup>, NR<sup>5</sup>R<sup>7</sup>, CO<sub>2</sub>R<sup>8</sup>, NHSO<sub>2</sub>R<sup>9</sup> or SO<sub>2</sub>NR<sup>10</sup>R<sup>11</sup>;

R<sup>3</sup> is H; C<sub>1</sub>-C<sub>6</sub> branched or straight chain alkyl which may be optionally substituted with C<sub>3</sub>-C<sub>6</sub> cycloalkyl or C<sub>1</sub>-C<sub>4</sub> alkoxy; C<sub>2</sub>-C<sub>4</sub> alkenyl; C<sub>2</sub>-C<sub>4</sub> alkynyl;

R<sup>4</sup> is H; C<sub>1</sub>-C<sub>6</sub> branched or straight chain alkyl which may be optionally substituted with

$C_3\text{--}C_6$  cycloalkyl or  $C_1\text{--}C_4$  alkoxy;  $C_2\text{--}C_4$  alkenyl;  $C_2\text{--}C_4$  alkynyl;

$R^5$  is H;  $C_1\text{--}C_4$  branched or straight chain alkyl which may be optionally substituted with OH,  $NR^6R^7$ ,  $CN\Box CONR^6R^7$  or  $CO_2R^8$ ;  $C_2\text{--}C_4$  alkenyl which may be optionally substituted with  $CN, CONR^6R^7$  or  $CO_2R^8$ ;  $C_2\text{--}C_4$  alkoxy optionally substituted with  $NR^6R^7$ ; ( $C_2\text{--}C_3$  alkoxy)  $C_1\text{--}C_2$  branched or straight chain alkyl optionally substituted with OH or  $NR^6R^7$ ;  $CONR^6R^7$ ;  $CO_2R^8$ ; halogen;  $NR^6R^7$ ;  $NHSO_2NR^6R^7$ ;  $NHSO_2R^9$ ;  $SO_2NR^{10}R^{11}$ ; or phenyl, pyridyl, pyrimidinyl, imidazolyl, oxazolyl, thiazolyl, thienyl, or triazolyl, either of which is optionally substituted with methyl;

$R^6$  and  $R^7$  are each independently H or  $C_1\text{--}C_4$  branched or straight chain alkyl; or  $R^6$  and  $R^7$  together with their attached nitrogen atom form pyrrolinyl, piperidyl, morpholinyl, 4-N( $R^{12}$ )-piperazinyl or imidazolyl, either of which is optionally substituted with methyl or hydroxyl;

$R^8$  is H;  $C_1\text{--}C_6$  branched or straight chain alkyl optionally substituted with  $C_1\text{--}C_4$  alkoxy,  $C_1\text{--}C_4$  alkylamino, dialkylamino; substituted phenyl and substituted heterocyclic group in which the substitut(s) on the ring of substituted phenyl and substituted heterocyclic group are defined as the above;

$R^9$  is  $C_1\text{--}C_3$  alkyl optionally substituted with  $NR^6R^7$ ;

$R^{10}$  and  $R^{11}$  are each independently H or  $C_1\text{--}C_{12}$  branched or straight chain alkyl;  $C_1\text{--}C_3$  halogenated branched or straight chain alkyl;  $C_2\text{--}C_6$  alkenyl;  $C_2\text{--}C_6$  alkynyl or  $C_3\text{--}C_6$  cycloalkyl; or  $R^{10}$  and  $R^{11}$  taken together to form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N( $R^{13}$ )-piperazinyl; or  $R^{10}$  and  $R^{11}$  together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N( $R^{13}$ )-piperazinyl—which are optionally substituted with OH, CN,  $CO_2R^8$ ,  $C_1\text{--}C_4$  branched or straight chain alkyl,  $C_1\text{--}C_3$  alkoxy,  $NR^{14}R^{15}$  or  $CONR^{14}R^{15}$ ; substituted phenyl, substituted heterocyclic group, or  $C_1\text{--}C_6$  branched or straight chain alkyl substituted with substituted phenyl or substituted heterocyclic group, the said groups are optionally further substituted with OH,  $CO_2R^8$ ,  $NR^{14}R^{15}$ ,  $CONR^{14}R^{15}$ , or linked together with another substituted phenyl or substituted

heterocyclic group by a carbonyl group;

$R^{12}$  is H;  $C_1\sim C_6$  branched or straight chain alkyl which may be optionally substituted with phenyl,  $C_2\sim C_3$  alkyl substituted by hydroxyl, or  $C_1\sim C_4$  alkoxy;  $C_1\sim C_3$  fluoroalkyl;  $C_2\sim C_6$  alkenyl;  $C_2\sim C_6$  alkynyl; or  $C_3\sim C_6$  cycloalkyl;  $R^{13}$  is H;  $C_1\sim C_6$  branched or straight chain alkyl;  $C_2\sim C_6$  branched or straight chain alkyl substituted with  $C_1\sim C_3$  alkoxy;  $C_2\sim C_6$  branched or straight chain alkyl substituted with hydroxyl;  $C_2\sim C_6$  branched or straight chain alkyl substituted with NR<sup>14</sup>R<sup>15</sup>;  $C_2\sim C_6$  branched or straight chain alkyl substituted with phenyl;  $C_1\sim C_6$  branched or straight chain alkyl substituted with CONR<sup>14</sup>R<sup>15</sup>;  $C_2\sim C_6$  branched or straight chain hydrocarbyl substituted with CO<sub>2</sub>R<sup>8</sup>;  $C_2\sim C_6$  branched or straight chain hydrocarbyl having substituted phenyl ~~or substituted heterocyclic group~~ as substituent; CO<sub>2</sub>R<sup>8</sup>, CONR<sup>14</sup>R<sup>15</sup>, CSNR<sup>14</sup>R<sup>15</sup> or C(NH)NR<sup>14</sup>R<sup>15</sup>;  $C_1\sim C_3$  halogenated branched or straight chain alkyl;  $C_2\sim C_6$  alkenyl;  $C_2\sim C_6$  alkynyl or  $C_3\sim C_6$  cycloalkyl; or polyethylene glycol group (n=2~20), which is optionally substituted with  $C_1\sim C_6$  alkyl on its terminal;

R<sup>14</sup> and R<sup>15</sup> are each independently H;  $C_1\sim C_4$  branched or straight chain alkyl;  $C_2\sim C_4$  branched or straight chain alkyl substituted with  $C_1\sim C_3$  alkoxy; or  $C_2\sim C_4$  branched or straight chain alkyl substituted with hydroxyl; or R<sup>14</sup> and R<sup>15</sup> together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl or morpholinyl; and

the substituted phenyl refers to a phenyl which is substituted with one or more groups selected from  $C_1\sim C_4$  alkoxy, halogen, cyano-, CF<sub>3</sub>, OCF<sub>3</sub>,  $C_1\sim C_4$  branched or straight chain alkyl on the phenyl ring; ~~The substituted heterocyclic group refers to hexatomic rings containing one or two nitrogen atoms, and the oxides thereof; pentatomic rings containing two or three hetero atom selected a group consisted of nitrogen, oxygen, and sulfur atoms; the substituting groups on the heterocyclic ring are  $C_1\sim C_4$  branched or straight chain alkyl,  $C_1\sim C_4$  alkoxy, amino, as well as  $C_1\sim C_4$  branched or straight chain alkyl amino,  $C_1\sim C_4$  alkoxyamino group;~~

~~Or~~ or their pharmaceutically acceptable salts .

2. (currently amended) The compound according to claim 1, wherein: R<sup>1</sup> is C<sub>1</sub>—C<sub>3</sub> branched or straight chain alkyl optionally substituted with one or more groups selected from a group consisted of the following: C<sub>1</sub>—C<sub>4</sub> alkyl, C<sub>1</sub>—C<sub>4</sub> alkoxy, C<sub>1</sub>—C<sub>4</sub> alkanoyl, substituted phenyl, substituted heterocyclic group, CONR<sup>6</sup>R<sup>7</sup>, CONR<sup>5</sup>R<sup>6</sup> and NR<sup>6</sup>R<sup>7</sup>NR<sup>5</sup>R<sup>6</sup>;

R<sup>2</sup> is H; C<sub>1</sub>—C<sub>3</sub> branched or straight chain alkyl optionally substituted with one or more groups selected from a group consisted of the following: substituted phenyl, substituted heterocyclic group, CONR<sup>6</sup>R<sup>7</sup>, and NR<sup>6</sup>R<sup>7</sup>;

R<sup>3</sup> is H; C<sub>2</sub>—C<sub>4</sub> branched or straight chain alkyl which may be optionally substituted with C<sub>3</sub>—C<sub>4</sub> cycloalkyl, C<sub>1</sub>—C<sub>3</sub> alkoxy; C<sub>2</sub>—C<sub>4</sub> alkenyl; or C<sub>2</sub>—C<sub>4</sub> alkynyl;

R<sup>4</sup> is H; C<sub>1</sub>—C<sub>4</sub> branched or straight chain alkyl which may be optionally substituted with C<sub>3</sub>—C<sub>5</sub> cycloalkyl or C<sub>1</sub>—C<sub>3</sub> alkoxy; C<sub>2</sub>—C<sub>4</sub> alkenyl; or C<sub>2</sub>—C<sub>4</sub> alkynyl;

R<sup>5</sup> is H; C<sub>1</sub>—C<sub>4</sub> branched or straight chain alkyl which may be optionally substituted with OH, NR<sup>6</sup>R<sup>7</sup>, CN, CONR<sup>6</sup>R<sup>7</sup> or CO<sub>2</sub>R<sup>8</sup>; C<sub>2</sub>—C<sub>4</sub> alkoxy optionally substituted with NR<sup>6</sup>R<sup>7</sup>; NR<sup>6</sup>R<sup>7</sup>; NHSO<sub>2</sub>NR<sup>6</sup>R<sup>7</sup>; NHSO<sub>2</sub>R<sup>9</sup>; SO<sub>2</sub>NR<sup>10</sup>R<sup>11</sup>; or phenyl, pyridyl, pyrimidinyl, imidazolyl, oxazolyl, thiazolyl, thienyl or triazolyl, either of which is optionally substituted with methyl;

R<sup>6</sup> and R<sup>7</sup> are each independently H; C<sub>1</sub>—C<sub>4</sub> branched or straight chain alkyl, or R<sup>6</sup> and R<sup>7</sup> together with their attached nitrogen atom form a pyrrolinyl, piperidyl, morpholinyl, 4-N(R<sup>12</sup>)-piperazinyl or imidazolyl, either of which is optionally substituted with methyl and hydroxyl;

R<sup>8</sup> is H or C<sub>1</sub>—C<sub>4</sub> branched or straight chain alkyl;

R<sup>9</sup> is C<sub>1</sub>—C<sub>3</sub> alkyl optionally substituted with NR<sup>6</sup>R<sup>7</sup>;

R<sup>10</sup> and R<sup>11</sup> are each independently H or C<sub>1</sub>—C<sub>12</sub> branched or straight chain alkyl; C<sub>1</sub>—C<sub>3</sub> halogenated branched or straight chain alkyl; C<sub>2</sub>—C<sub>6</sub> alkenyl; C<sub>2</sub>—C<sub>6</sub> alkynyl or C<sub>3</sub>—C<sub>6</sub> cycloalkyl; or R<sup>10</sup> and R<sup>11</sup> taken together to form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N(R<sup>13</sup>)-piperazinyl; or R<sup>10</sup> and R<sup>11</sup> together with their attached nitrogen atom form a pyrrolinyl, pyrrolidone group, piperidyl, morpholinyl, 4-N(R<sup>13</sup>)-piperazinyl; the said

groups are optionally substituted with OH, CN, CO<sub>2</sub>R<sup>8</sup>, C<sub>1</sub>~C<sub>4</sub> branched or straight chain alkyl, C<sub>1</sub>~C<sub>3</sub> alkoxy, NR<sup>14</sup>R<sup>15</sup>, or CONR<sup>14</sup>R<sup>15</sup>; substituted phenyl, ~~substituted heterocyclic group~~, or C<sub>1</sub>~C<sub>6</sub> branched or straight chain alkyl substituted with substituted phenyl ~~or substituted heterocyclic group~~, the said groups are further substituted with OH, CO<sub>2</sub>R<sup>8</sup>, NR<sup>14</sup>R<sup>15</sup>, CONR<sup>14</sup>R<sup>15</sup>, or linked together with another substituted phenyl ~~or substituted heterocyclic group~~ by a carbonyl group;

R<sup>12</sup> is H; C<sub>1</sub>~C<sub>6</sub> branched or straight chain alkyl which may be optionally substituted with C<sub>2</sub>~C<sub>3</sub> alkyl or C<sub>1</sub>~C<sub>4</sub> alkoxy, the said alkyl and alkoxy are substituted with phenyl, hydroxyl; C<sub>2</sub>~C<sub>6</sub> alkenyl or C<sub>3</sub>~C<sub>6</sub> cycloalkyl;

R<sup>13</sup> is H; C<sub>1</sub>~C<sub>6</sub> branched or straight chain alkyl; C<sub>2</sub>~C<sub>6</sub> branched or straight chain alkyl substituted with C<sub>1</sub>~C<sub>3</sub> alkoxy; C<sub>2</sub>~C<sub>6</sub> branched or straight chain alkyl substituted with hydroxyl; C<sub>2</sub>~C<sub>6</sub> branched or straight chain alkyl substituted with NR<sup>14</sup>R<sup>15</sup>; C<sub>2</sub>~C<sub>3</sub> branched or straight chain alkyl substituted with phenyl; C<sub>1</sub>~C<sub>6</sub> branched or straight chain alkyl substituted with CONR<sup>14</sup>R<sup>15</sup>; CO<sub>2</sub>R<sup>8</sup>, CONR<sup>14</sup>R<sup>15</sup>, CSNR<sup>14</sup>R<sup>15</sup> or C(NH)NR<sup>14</sup>R<sup>15</sup>; C<sub>1</sub>~C<sub>3</sub> halogenated branched or straight chain alkyl; C<sub>2</sub>~C<sub>6</sub> alkenyl; C<sub>2</sub>~C<sub>6</sub> alkynyl or C<sub>3</sub>~C<sub>6</sub> cycloalkyl;

R<sup>14</sup> and R<sup>15</sup> are each independently H; C<sub>1</sub>~C<sub>4</sub> branched or straight chain alkyl; C<sub>2</sub>~C<sub>4</sub> branched or straight chain alkyl substituted with C<sub>1</sub>~C<sub>3</sub> alkoxy; or C<sub>2</sub>~C<sub>4</sub> branched or straight chain alkyl substituted with hydroxyl; or R<sup>14</sup> and R<sup>15</sup> together with their attached nitrogen atom form pyrrolinyl, pyrrolinone group, piperidyl, or morpholinyl;

~~The~~ the substituted phenyl refers to a phenyl group which is substituted with one or more groups selected from C<sub>1</sub>~C<sub>4</sub> alkoxy, halogen, CN, CF<sub>3</sub>, OCF<sub>3</sub>, or C<sub>1</sub>~C<sub>4</sub> branched or straight chain alkyl; the substituted heterocyclic group refers to hexatomic rings containing one or two nitrogen atoms, and the oxide thereof; or pentatomic rings containing two or three hetero atom selected a group consisted of nitrogen, oxygen and sulfur atoms; the substituents on the heterocyclic ring are C<sub>1</sub>~C<sub>4</sub> branched or straight chain alkyl, C<sub>1</sub>~C<sub>4</sub> alkoxy, amino, as well as C<sub>1</sub>~C<sub>4</sub> branched or straight chain alkyl amino, C<sub>1</sub>~C<sub>4</sub> alkoxy amine.

3. (currently amended) The compound according to claim 1-2, wherein:

R<sup>1</sup> is C<sub>2</sub>-C<sub>3</sub> branched or straight chain alkyl which may be optionally substituted with one or more groups selected from ~~substituted heterocyclic group and~~ NR<sup>6</sup>R<sup>7</sup>;

R<sup>2</sup> is H;

R<sup>3</sup> is H; C<sub>2</sub>-C<sub>4</sub> branched or straight chain alkyl which may be optionally substituted with C<sub>3</sub>-C<sub>4</sub> cycloalkyl; C<sub>2</sub>-C<sub>4</sub> alkenyl; C<sub>2</sub>-C<sub>4</sub> alkynyl;

R<sup>4</sup> is C<sub>2</sub>-C<sub>4</sub> branched or straight chain alkyl, which may be optionally substituted with C<sub>1</sub>-C<sub>3</sub> alkoxy; C<sub>2</sub>-C<sub>4</sub> alkenyl; C<sub>2</sub>-C<sub>4</sub> alkynyl;

R<sup>5</sup> is SO<sub>2</sub>NR<sup>10</sup>R<sup>11</sup>;

R<sup>6</sup> and R<sup>7</sup> together with their attached nitrogen atom form a pyrrolinyl, piperidyl or morpholinyl;

R<sup>8</sup> is H or C<sub>1</sub>-C<sub>4</sub> branched or straight chain alkyl;

R<sup>10</sup> and R<sup>11</sup> are each independently H or C<sub>1</sub>-C<sub>12</sub> branched or straight chain alkyl; C<sub>3</sub>-C<sub>6</sub> cylcoalkyl; or R<sup>10</sup> and R<sup>11</sup> taken together to form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N(R<sup>13</sup>)-piperazinyl; or R<sup>10</sup> and R<sup>11</sup> together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, or 4-N(R<sup>13</sup>)-piperazinyl; the said groups are optionally substituted with OH, C<sub>1</sub>-C<sub>4</sub> branched or straight chain alkyl, C<sub>1</sub>-C<sub>3</sub> alkoxy, NR<sup>14</sup>R<sup>15</sup>, or CONR<sup>14</sup>R<sup>15</sup>; substituted phenyl, ~~substituted heterocyclic group~~, or C<sub>1</sub>-C<sub>6</sub> branched or straight alkyl optionally substituted with substituted phenyl, ~~substituted heterocyclic group~~, the said groups are further substituted with OH, CO<sub>2</sub>R<sup>8</sup>, NR<sup>14</sup>R<sup>15</sup> or CONR<sup>13</sup>R<sup>14</sup>, or linked together with another substituted phenyl ~~or substituted heterocyclic group~~ by a carbonyl;

R<sup>13</sup> is H; C<sub>1</sub>-C<sub>3</sub> branched or straight chain alkyl; C<sub>2</sub>-C<sub>3</sub> branched or straight chain alkyl substituted with C<sub>1</sub>-C<sub>3</sub> alkoxy; C<sub>2</sub>-C<sub>3</sub> branched or straight chain alkyl substituted with OH; C<sub>2</sub>-C<sub>6</sub> branched or straight chain alkyl substituted with NR<sup>14</sup>R<sup>15</sup>; C<sub>2</sub>-C<sub>3</sub> branched or straight chain alkyl substituted with phenyl; C<sub>1</sub>-C<sub>6</sub> branched or straight chain alkyl substituted with

CONR<sup>14</sup>R<sup>15</sup>; CO<sub>2</sub>R<sup>8</sup> or CONR<sup>14</sup>R<sup>15</sup>;

R<sup>14</sup> and R<sup>15</sup> are each independently H; C<sub>1</sub>~C<sub>4</sub> branched or straight chain alkyl; C<sub>2</sub>~C<sub>4</sub> branched or straight chain alkyl substituted with C<sub>1</sub>~C<sub>3</sub> alkoxy; or C<sub>2</sub>~C<sub>4</sub> branched or straight chain alkyl substituted with OH; or R<sup>14</sup> and R<sup>15</sup> together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl or morpholinyl;

the substituted phenyl refers to a phenyl group which is substituted with one or more substituents selected from a group consisted of C<sub>1</sub>~C<sub>4</sub> alkoxy, halogen, CN, CF<sub>3</sub>, OCF<sub>3</sub>, and C<sub>1</sub>~C<sub>4</sub> branched or straight chain alkyl; ~~the substituted heterocyclic group refers to hexatomic rings containing one or two nitrogen atoms and the oxide thereof; or pentatomic rings containing two or three hetero atom selected a group consisted of nitrogen, oxygen, and sulfur atoms; the substituents on the heterocyclic ring are C<sub>1</sub>~C<sub>4</sub> branched or straight chain alkyl, C<sub>1</sub>~C<sub>4</sub> alkoxy, amino, as well as C<sub>1</sub>~C<sub>4</sub> branched or straight chain alkyl amino, C<sub>1</sub>~C<sub>4</sub> alkoxyamine.~~

4. (currently amended) The compound according to claim 31, wherein the compound is selected from a group consisting of:

2-[2-ethoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-methoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the hydrochloride thereof;

2-[2-n-propoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the hydrochloride thereof;

2-[2-allyloxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-n-propoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-ethyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

olo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-methyl(piperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-methyl(piperazinyl-1-sulfonyl)phenyl]-5-ethyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-ethoxycarbonylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-([4-(2-hydroxyethyl)piperazinyl-1-sulfonyl])phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(pyrrolidinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-[3-(2-oxy-pyrrolidin-1-yl)-n-propylamino-N-sulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-[2-(pyrrolidin-1-yl)-ethylamino-N-sulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(morpholino-4-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-([3-(morpholin-4-yl)-n-propylamino-N-sulfonyl])]-phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-([2-(morpholin-4-yl)-ethylamino-N-sulfonyl])phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(2,6-dimethylmorpholino-N-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(1-benzylpiperidyl-4-aminosulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-([2-(piperidin-1-yl)ethylamino-1-sulfonyl])phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(4-benzylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(piperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(4-phenylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(piperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(4-benzo[1,3]dioxol-5-yl-methylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-[4-(3-phenyl-n-propan-1-yl)piperidyl-1-sulfonyl]

phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one,

the

monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(n-propylamino-1-sulfonyl)phenyl]-5-methyl-7-n-

propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-[N,N-di(2-hydroxyethyl)aminosulfonyl]phenyl]-5-

methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-[N-(2-hydroxyethyl)-N-methylaminosulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-[N-(2-hydroxyethyl)-N-ethylaminosulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-[N-(2-hydroxyethyl)-N-n-butylaminosulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(p-ethoxycarboxylphenylamino)-N-sulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(o-benzoylphenylamino)-N-sulfonyl]phenyl]-5-methyl-

7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(N<sub>2</sub>-acethydrazido-N<sub>1</sub>-sulfonyl)phenyl]-5-methyl-7-

n-propyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride and dihydrochloride and other possible hydrochloride thereof;

| 2-[2-ethoxy-5-(2-dimethylaminoethylamino)-N-sulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-ethyl-7-n-propyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-morpholinomethyl-7-n-propyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-(pyrimidinyl-2)-methyl-7-n-propyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof; and

2-[2-ethoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-allyl-3,7-dihdropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof.

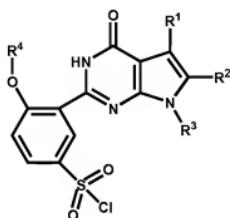
5. (canceled)

6. (currently amended) A pharmaceutical composition containing the compound according to any one of claims claim 1-4 as an active ingredient, and a pharmaceutically acceptable excipient.

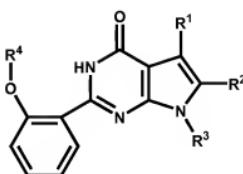
| 7. (currently amended) A veterinary ~~drugs~~ drug composition containing the compound according to any one of claims claim 1-4 as an active ingredient, and a veterinarily acceptable excipient.

8-9. (canceled)

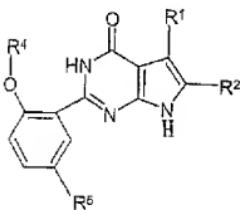
10. (currently amended) Intermediates **IA**-**IG** for the manufacture of compound of formula I according to claim 1:



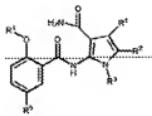
IB



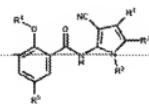
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IA



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